

Customer No.: 31561
Docket No.: 7638-US-PA
Application No.: 10/604,269

In The Claims:

Claim 1. (previously presented) A reflective liquid crystal display, comprising:

a liquid crystal display panel having a plurality of pixels, wherein each pixel has a plurality of color blocks; and

a regional light source over the liquid crystal display panel to radiate directly thereon, wherein the regional light source includes a plurality of spots scattered over each of the color blocks.

Claim 2. (previously presented) The reflective liquid crystal display according to Claim 1, wherein the regional light source comprises:

a substrate; and

a plurality of light-emitting structure spots on one side of the substrate.

Claim 3. (previously presented) The reflective liquid crystal display according to Claim 2, wherein the light-emitting structure spots are disposed on the side of the liquid crystal display panel facing the liquid crystal display panel.

Claim 4. (previously presented) The reflective liquid crystal display according to Claim 2, wherein the light-emitting structure spots are disposed on the side of the liquid crystal display panel distal to the liquid crystal display panel.

Claim 5. (previously presented) The reflective liquid crystal display according to Claim 2, wherein the light-emitting structure spots include organic light emitting diodes.

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Claim 6. (previously presented) The reflective liquid crystal display according to Claim 5, wherein each of the light-emitting structure spots further comprises:

a cathode;

an anode, under the cathode at the side facing the liquid crystal display panel; and

a luminescent layer, between the cathode and the anode.

Claim 7. (cancelled)

Claim 8. (previously presented) The reflective liquid crystal display according to Claim 1, wherein each of the light-emitting structure spots is disposed across at least two of the color blocks.

Claim 9. (cancelled).

Claim 10. (original) The reflective liquid crystal display according to Claim 1, wherein the liquid crystal display panel comprises:

a color filter;

a polarizer on the color filter;

a thin-film transistor substrate without direct contact to the color filter;

a reflection layer, formed on the thin-film transistor substrate; and

a liquid crystal layer, filled between the color filter and the thin-film transistor substrate.

Claim 11. (original) The reflective liquid crystal display according to Claim 10, wherein the regional light source is directly mounted to the polarizer.

Claims 12-21. (cancelled)